

CLAIMS**What is claimed is:**

1 1. An apparatus comprising an enclosure (20), at least one circuit
2 breaker (48) and at least one plug receptacle (21-24) to supply containers with
3 electrical energy, the circuit breaker (48) being arranged in the enclosure (20) and
4 the plug receptacle (21-24) being arranged on the outside of the enclosure (20),
5 with an interlocking of the circuit breaker (48) and the plug receptacle (21-24)
6 being provided such that the circuit breaker (48) can only be switched on when
7 the plug receptacle (21-24) is occupied and a plug (40) can only be removed from
8 the associated plug receptacle (21-24) when the circuit breaker (48) is switched
9 off, wherein the interlocking comprises the following features:

10 a) the circuit breaker (48) can be actuated by a push element (72),

11 b) the push element (72) is acted on by a lever arm (71) of an
12 actuating lever (67),

13 c) the actuating lever (67) can be pivoted, about an actuating axis (68),
14 at least between a switch-on position and a switch-off position,

15 d) the actuating lever (67) has means for blocking the occupied plug
16 receptacle (21-24) in the switch-on position, and

17 e) the plug receptacle (67) is assigned obstructing means that block
18 the movement of the push element (72) when the plug receptacle (21-24) is not
19 occupied and can be deactivated by the plug receptacle (21-24) becoming
20 occupied.

1 2. The apparatus according to Claim 1, characterized in that the push
2 element (72) has guides and is acted on by the lever arm (71), in a sliding
3 manner.

1 3. The apparatus according to Claim 1, characterized in that the means
2 for blocking the occupied plug receptacle (21-24) is an obstructing lever (70)
3 which is connected to the actuating lever (67) and, when the actuating lever (67)
4 moves, pivots into the switch-on position in front of the plug receptacle (21-24),

5 namely into a movement area of a plug (40) that can be removed from the plug
6 receptacle (21-24).

1 4. Apparatus according to Claim 3, characterized in that the obstructing
2 lever (70) is aligned approximately parallel to the actuating axis (68) and extends
3 approximately perpendicular to the lever arm (71) or to an extension of the lever
4 arm (71).

1 5. The apparatus according to Claim 2, characterized in that the means
2 for blocking the occupied plug receptacle (21-24) is an obstructing lever (70)
3 which is connected to the actuating lever (67) and, when the actuating lever (67)
4 moves, pivots into the switch-on position in front of the plug receptacle (21-24),
5 namely into a movement area of a plug (40) that can be removed from the plug
6 receptacle (21-24).

1 6. Apparatus according to Claim 5, characterized in that the obstructing
2 lever (70) is aligned approximately parallel to the actuating axis (68) and extends
3 approximately perpendicular to the lever arm (71) or to an extension of the lever
4 arm (71).

1 7. Apparatus according to Claim 1, characterized in that the obstructing
2 means comprise a blocking lever (73) and a release pin, the said release pin
3 being acted on when a plug (40) is inserted into the plug receptacle (21-24) and,
4 in the process, moving the blocking lever (73) from an obstructing position into a
5 release position, and in that the blocking lever (73), in the obstructing position,
6 limits the movement area of the push element (72), at least indirectly, such that
7 the push element (72) cannot be moved for the purpose of switching on the circuit
8 breaker (48).

1 8. Apparatus according to Claim 7, characterized in that the blocking
2 lever (73) is loaded by a spring (74) in the direction of the obstructing position.

1 9. Apparatus according to Claim 7, characterized in that the push
2 element (72) has a projection that can be blocked by the blocking lever (73).